

AMENDMENTS TO THE CLAIMS

In the claims, please cancel claims 18, 19, 21 and 22, amend claims 14-17, 20, 23-26, and add new claims 27-31 as follows:

1-13. (canceled)

14. (currently amended) A process for ~~forming a complex that is deliverable~~ delivering a cargo to a cell, comprising:

a) inserting ~~[[a]]~~ the cargo into a reverse micelle ~~consisting of one or more, wherein the reverse micelle comprises a plurality of amphipathic molecules wherein at least one of the amphipathic molecules consists of a biologically labile surfactant containing reactive functional groups;~~

b) polymerizing two or more of the amphipathic molecules thereby forming a polymerized reverse micelle; and,

c) contacting the cell with the polymerized reverse micelle.

15. (currently amended) The process of claim 14 wherein at least one of the amphipathic molecules contains a reactive functional group biologically labile bond.

16. (currently amended) The process of claim 15 wherein ~~the reactive functional group consists of a group capable of participating in a polymerization reaction~~ cleavage of the biologically labile bond disrupts the reverse micelle.

17. (currently amended) The process of claim ~~[[14]]~~ 15 wherein the amphipathic molecule ~~contains~~ biologically labile bonds consists of a disulfide bond.

18. (canceled)

19. (canceled)

20. (currently amended) The process of claim ~~[[14]]~~ 15 wherein the amphipathic molecule ~~contains~~ biologically labile bonds consists of a silicon - heteroatom bond.

21. (canceled)

22. (canceled)

23. (currently amended) The process of claim ~~[[14]]~~ 15 wherein the amphipathic molecule ~~contains~~ biologically labile bonds consists of an amide constructed from a compound having a substructure of succinic anhydride.

24. (currently amended) The process of claim ~~[[23]]~~ 14 wherein the amphipathic molecule ~~contains a reactive functional group~~ cargo comprises a biologically active compound.

25. (currently amended) The process of claim 24 wherein the ~~reactive functional group~~  
biologically active compound consists of a ~~group capable of participating in a~~  
polymerization reaction nucleic acid.
26. (currently amended) A reverse micelle containing a molecule formed by the process  
comprising: A negatively charged, zwitterionic, or neutral compound which is  
deliverable to a mammalian cell, comprising:
- a) inserting the molecule into a negatively charged, zwitterionic, or neutral reverse  
micelle containing at least one biologically labile surfactant and a biologically  
active molecule, wherein the reverse micelle comprises a plurality of amphipathic  
compounds containing reactive functional groups capable of participating in a  
polymerization reaction; and
  - b) polymerizing two or more of the amphipathic compounds.
27. (new) The complex of claim 26 wherein at least one of the amphipathic molecules  
contains a biologically labile bond.
28. (new) The complex of claim 27 wherein cleaving the disulfide bond disrupts the reverse  
micelle.
29. (new) The complex of claim 26 wherein the molecule comprises a biologically active  
molecule
30. (new) The complex of claim 29 where the biologically active compound consists of a  
nucleic acid.
31. (new) The complex of claim 30 wherein the nucleic acid is compacted.